

Automatic Laboratory Distillation Column, by
I. Kossler.

CZECH, per, Chem Listy, Vol 49, 1955, pp 1228-1234.

ASLIB-6539

Sci

Aug59

94,137

Use of Zeolites in Gas Chromatography, by J. Janak,
Vol XLII,
CZECHOSLOVAKIA, per, Chem Listy, ~~1955~~, ~~1955~~ 1955,
pp 1403-1405.

Assoc Tech Sv
CJ-406

Sci - Chemistry

36,954

Aug 1956

\$5.50

Viscosity of Polyamides, by Frantisek, Rybníkar, 14 pp.

CZECH, per, Chem Listy, Vol XLIX, 1955, pp 1442-1447.

SLA 59-15921

Sci

Dec 59

Vol 2, No 5

103,521

Relation Between the Acidity and the
Activity of Some Liquid Catalysts, by O. Nitschescu,
E. Zaita, and M. Parlar, 7 pp.

CHIMIE, per, Chem Listy, Vol XXX, 1955, pp 1612-
1616.

Assoc Tech Surv
15K23U

CJ-1617

Sci - Chem
May 59
CIB, V 1, No 6

86,333

Colorimetric Determinations of Tin by Quercetin,
by K. Liska, 10 pp.

CZECH, per, Chemické Listy, Vol XLIX, No 11,
1955, pp 1656-1660.

NIH Tr 10-10

Sci - Chemistry

Oct 57

54,658

Desoxysugars, II. Preparation of 3-Desoxy-D-
Glucose and Some of Its Derivatives, by M. Cerny,
J. Pacak, 7 pp.

CZECH, no per, Chemické Listy, Vol XLIX, 1955,
pp 1848-1850.

Sci - Chemistry
Dec 56 CTS

NIH Tr 11-9
SLA 1440/1956
41, 817

TT-65-12043

Field 7C

Vecera, M.; Synek, L.
QUANTITATIVE ORGANIC ANALYSIS. V. AUTOMATIC
ELECTRICAL APPARATUS FOR DETERMINING CARBON
AND HYDROGEN IN ORGANIC COMPOUNDS. 8p, 23refs.
Order from SLA: \$1.10 as TT-65-12043

Trans. of Chemické listy (Czechoslovakia) v49 n12 p1891-4
1955.

I. Vecera, M.
II. Synek, L.
III. Title: Automatic ...

MR 624

Combustion of Organic Substances in Oxygen,
by J. Horacek.

CZECH, per, Chemische Listy, Vol LIII,
1955, pp 6-9.

CSIRO

Sci - Chem
Oct 61

171,383

The Course of Some Powder Reactions in the Preparations
of Lead Titanate, by Arnost Bergstein, 15 pp.

CZECH, per, Chemické listy, Vol I, 1956, pp 8-10.
9093456

AEC SCL-T-407

Sci - Chem
May 62

196,761

The Mechanism of Chemical Passivation and
Corrosion of Metals, by M. Prazak, V. Prazak.
CZECH, per, Chemicke Listy, Vol 50, No 1,
1956, pp 23-29.
BISI 4543

Sci-MEM
Jul 66

306,404

Determination of Silicon in Organo-Silicon
Compounds, by Z. Sir, R. Kowers, 8 pp.

CZECH, per, Chem Listy, Vol L, 1956, pp 88-93.

R.A.E. Farnborough Tr 578

Sci - Chemistry
Mar 57 CTB/dex

44, 629

Determination of Molecular Weight by Means of
Thermistors, by F. A. Kincl.

CZECH, per, Chem Listy, Vol I, Prague, 1956,
pp 143, 144.

Dept of Interior
Bu of Mines
Petroleum Exper Sta Lib
Bartlesville, Okla.
Tr 65
ASLIB GB39

Sci - Chem

Dec 59

103,040

Determination of Halogen Associated With Silicon,
by Z. Sir, R. Komers, 4 pp.

CZECH, per, Chem Listy, Vol L, 1956, pp 162-163.

R.A.E. Farnborough Tr 579

Sci - Chemistry
March 57 CTS/dex

44, 355

Complexometric Titration (Chelatometry). XVII.
Contribution to the Determination of Copper, Iron,
Aluminum, and Titanium, by E. Šir, R. Příbil.

CZECH, per, Chem Listy, Vol 1, 1956, pp 281-286.

Assoc Tech Serv CJ-1498
" " " 2806C

Sci - Chem

Apr 99

85,620

VII
Organic Quantitative Analyses. **VII** A Fast Colorimetric
Determination of Small Quantities of Sulfur in Organic and
Inorganic Materials, by Miroslav Vozara, Antonin Spevak, 15pp.
CZECH, per, Chemické Listy, Vol L, 1956, p 308.

K-H 0015

Sci-Chem
Feb 64

250,003

New Apparatus for Semimicrodetermination of
Active Hydrogen in Organic Substances, by M. Soucek,
CZECH, ~~per~~, Chem Listy, Vol L, 1956, pp 323-325.

ASL 16 39
B

Sci
Apr 59

84,466

Polarographic and Oscillo-Polarographic
Determination of Indium by Cadmium, by L. Triendl.

GERMAN, per, Chemische Listy, Vol L, No 4, 1956,
pp 534-538.

C.S.I.R.O.

Sci

May 60

115, 739

Study of the Catalytic Efficacy of Copper
Chloride. III. Rate of Decomposition of
o-nitrobenzene-diazonium Chloride, by J. Marek,
6 pp.

CZECH, per, Chem Listy, Vol I, No 4, 1956,
pp 659-661.

NIH Tr 4-13

Sci - Chemistry
May 1957 CTB/dex

47,430

Ternary System ~ Water-, Sodium Carbonate-,
Sodium Hydroxide, by Zdenek Hostalek, 8 pp.

CZECH, per, Chemické Listy, Vol L, 1956,
pp 716-720.

SLA 61-10226

Vol V, No 5
Jul. 61

160,172

Sedivec, Vaclav.

COLOR REACTION OF 1-CHLORO-2,4-DINITRO-
BENZENE WITH PYRIDINE - PHOTO. STUDY.

[1963] 5p. (figs. omitted) 12 refs.

Order from SLA \$1.10

63-14244

Trans. of Chemické Listy (Czechoslovakia) 1956,
v. 50, p. 748-751.

DESCRIPTORS: *Nitrobenzenes, Chlorides, *Colori-
metric analysis, Reagents, *Pyridines, Sodium com-
pounds, Hydroxides, Heating.

Optimum conditions for color reaction of 1-chloro-2,4-
dinitrobenzene with pyridine are determined and a study
made of the possibilities of photometric determination
of same in the presence of other aromatic nitro-com-
pounds. (Author)

(Chemistry--Analytical, TT, v. 10, no. 6)

63-14244

1. Title: 1-Chloro-2,4-
dinitrobenzene

1. Sedivec, V.

Office of Technical Services

Sedivec, Vaclav.
PHOTOMETRIC DETERMINATION OF CHLORO-
BENZENE IN BENZENE. [1963] 5p. (figs. omitted)
5 refs.

Order from SLA \$1.10

63-14243

Trans. of Chem[ic]e Listy (Czechoslovakia) 1956,
v. 50, p. 752-755.

DESCRIPTORS: *Benzenes, Chlorides, Nitro radicals,
Colorimetric analysis, Pyridines.

A method was worked out for the determination of small
amounts of chlorobenzene in benzene. The mixture
examined is put into a mixture of its related dinitro
compounds and the amount of 1-chloro-2,4-dinitro-
benzene formed is determined by photometry from its
color reaction with pyridine. (Author)

(Chemistry--Analytical, TT, v. 10, no. 5)

63-14243

I. Sedivec, V.

Office of Technical Services

The Acidity of Certain Mineral Acids in Acetic
Acid. The Acidity Function (H_0)1, by Jan Rocek, 14 p
CZECH
~~CHROM~~, per, Chem Listy, Vol L, 1956, pp 726.

ARC Tr 3633

Sci - Chem

May 59

87,956

Quin Derivatives IV. Attempted Synthesis of
Halogl. Derivatives, by O. Einar.

Czech
Quin, part, Chem Abstr, Vol 1, No 5, 1956,
pp 770-771.

TIL DE 4728

Std. Chem
Gen 58

57,206

Nature of Direct and Indirect Bilirubin. IV. The Effect of Enzymes From the Liver and Pancreas on the Direct Bile Pigment, by E. Talafant, 10 pp.

CZECH, per, Chemické Listy, Vol 1, No 5, 1956, pp 817-820.

NIH Tr 11-1
S.L.A. Tr 1413

Sci - Chemistry
Dec 56 CTS

44,809

Increased pH of a Diluted Nickel Perchlorate
Solution.

By Cuta, F.

Czech, per, Chemické Listy

Vol 50, 1956,

pp. 1064-71

CRL D. 178

ETC-68-24435

MAR 1970

404,551

Korbl, Jiri and Komers, Radko.
ORGANOSILICON COMPOUNDS. VIII. DETERMINA-
TION OF CARBON AND HYDROGEN IN ORGANO-
SILICON COMPOUNDS. [1963] 16p.
Order from K-H \$16.00

K-H 5577 a

Trans. of Chemické Listy (Czechoslovakia) 1956, v. 50,
p. 1120-1125 [also pub. in Sborník Československých
Khimických Rabot (Czechoslovakia) 1957, v. 22,
p. 222-229].
Another trans. is available from SLA mi\$2.40, ph\$3.30
as 59-15733 [1959] [19]p.

DESCRIPTORS: *Silicon compounds, Organic com-
pounds, Carbon, Hydrogen, Chemical analysis.

(Chemistry--Analytical, TT, v. 10, no. 1)

63-17281

- I. Korbl, J.
- II. Komers, R.
- III. K-H-5577-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.
- V. Title: Determination ...

Office of Technical Services

On the Metabolism of Folic Acid. III. On
Leucovorin Conversions, by K. Slavik,
V. Slavikova-Matoulikova, 14 pp.

CZECH, per, Chemické Listy, Vol L, No 7,
1956, pp 1141-1146.

HHH 3-11

Sci - Chemistry
Apr 57 CTB/dax

45, 747

Polarographic Behaviour of Catechol Tirone,
1:8-dihydroxynaphthalene and Chromotropic Acid,
by L. Sommer, L. Benisek.

CZECH, per, Chem Listy, Vol 1., 1956, pp 1215-
1218.

564-1
TIL Tr 4747

Sci - Chem
Jan 58

57,221

Complexometry in Organic Analysis II. Determination
of Amino Acids and Peptides, by B. Budesinsky, 12 pp.

CZECH, no per, Chemické Listy, Vol L, No 8, 1956,
pp 1236-1240.

NIH Tr No 12-1

Sci - Chemistry
Feb 1957 CTE/dex

43, 74/
S.L.A. in 1437/56

The Absorption Spectrum of the AuCl_4^- Ion, by A. A.
Vleck, P. Bevan, 4 pp.

CZECH,

~~RESEARCH~~, per, Chem Listy, Vol L, 1955, pp 1306, 1307.

AEC 3396

Sci - Chem

Nov 58

76,446

Nature of Direct and Indirect Bilirubin. V.
Presence of Flucuronic Acid in Direct Bile Pigment,
by E. Talafant, 5 pp.

CZECH, per, Chemické Listy, Vol L, No 8, 1956,
pp 1329,1330.

NIH Tr 11-2

Sci - Chemistry
Dec 56 CTS

41, 810

On the Methyl Cleavage of Quarternary Bicyclic Bases
With Nitrogen on the Boundary of the Rings. I.
Cleavage of 1-Methyl Quinuclidine Hydroxide, by R.
Lukes, O. Strouf, M. Ferles, 8 pp.

CZECH, per, Chemické Listy, Vol L, No 10, 1956,
pp 1624-1626, 1629.

WLL. 5/11/57
NIH Tr 6-17 (U, 1/57)

Sci - Chem

49,435

Jul 57

Synthesis of α -Oxo- β -Aminovaleric Acid, by
L. Macholan, 10 pp.

CZECH, per, Chemické Listy, Vol L, (80), No 11,
Nov 1956, pp 1818-1821.

NIH 3-9

Sci - Chemistry
Apr 57 CTS/dex

45, 746

Biological Degradation of Phenols. III.
Intermediate Products in the Biological
Oxidation of Pyrocatechin by Oospora Molds,
by S. Landa, J. Eliasek, 15 pp.

CZECH, per, Chem Listy, Vol L, (80), No 11,
Nov 1956, pp 1834-1839.

NIH 3-8.

Sci - Biology
Apr 57 CHB/dex

45,745

Synthetic Analogs of Curare Alkaloids VII. Two
New Models of Tubocurarine and Two Other Bis-
Quaternary Ammonium Salts, by Miroslav Protiva,
Miles Borovicka, Lexa Cimler, Zdenek Sedivy, 12 pp.

CZECH, per, Chem Listy, Vol L, No 12, Prague,
1956, pp 1988-1994.

US JPRS/DC-L-970

Sci - Chemistry

75,767

The Preparation of Metallic Scandium in Compact
State, by F. Hajek, V. Prochazka, 1 pp.

CZECH, per, Chem Listy, Vol L, 1956, p 2025.

AEC Tr 3100
SLA 58-199

Sci

Aug 59

Determination of Ca in the Presence of Large
Amounts of Mg, by V. Tichonirova, O. Simackova.

CZECH, per, Chemické Listy, Vol LIX, 1956,
pp 1925-1927.

CSIRO

Sci - Chem

Jun 61

156,937

Remarks on the Literature of Spectrum Analysis. Spectrum of Iron in Brode's Tables, by J. Knop, 3 pp.

CZECH, per, Chem Listy, Vol 1, No 12, 1956, pp 2040, 2041.

SLA 57-3493

Sci.

Aug 58

72, 811

The Determination of Variations in the Lattice Parameters of Various Graphites, by Ferdinand M. Kessler, 11 pp.

Czech

~~Prace~~, per, Chem Listy, Vol LI, 1957, pp 13-20.

AEC Tr 3083

Sci - Min/Met

55, 752

Nov 57

Gaspric, Jiri and Vercera, Miroslav.
IDENTIFICATION OF ORGANIC COMPOUNDS. XIV.
SEPARATION AND IDENTIFICATION OF ALIPHATIC
ALDEHYDES AND KETONES (PAPER CHROMATO-
GRAPHY). [1962] 11p.

Order from K-H \$13.75

K-H 6818

Trans. of Chem[ické] Listy (Czechoslovakia) 1957,
v. 51, p. 287-291.

DESCRIPTORS: Separation, Identification, *Organic
compounds, *Aliphatic compounds, *Aldehydes,
*Ketones, Paper chromatography, *Chromatographic
analysis.

(Chemistry--Analytical, TT, v. 9, no. 9)

63-12983

- I. Gaspric, J.
- II. Vercera, M.
- III. Title: Separation . . .
- IV. Title: Paper . . .
- V. K-H-6818
- VI. Kresge-Hooker
Science Library
Associates, Detroit,
Mich.

TT-64-30107

Office of Technical Services

Jankovsky, J.
DOSAGE COMPLEXOMÉTRIQUE (CHÉLATOMÉTRIE).
XXVI. DÉTERMINATION COMPLEXOMÉTRIQUE DE
L'ÉTAIN (Complexometric Titrations (Chelatometry).
XXVI. Determination of Tin). 8p 3 refs FX-343.
Order from OTS, ETC or CNRS \$0.80 62-26962

Trans. in French of Chemické Listy (Czechoslovakia)
1957, v. 51, p. 373-376.

DESCRIPTORS: *Tin, *Chelate compounds, Determina-
tion, Pyrocatechol, Sodium compounds, Acetates,
Zinc compounds, Salts.

(Chemistry--Analytical, TT, v. 10, no. 10)

62-26962

- I. Jankovsky, J.
- II. F/X-343
- III. Centre National de la
Recherche Scientifique
- IV. Title: Determination...

Office of Technical Services

The Combined Use of Chelatometry and Ion
Exchangers, by L. Wuensch.
CZECH, per, Chemicke Listy, Vol 51, No 2,
1957, pp 376-378.
MT-518

Sci-Chem
Aug 66

309,181

Chromatographic Separation of Some Anthraquinone
Derivatives, by Lubos Starka, Alois Vystreil.

GERMAN. pub, Chem Listy, Vol III, 1957, pp
378-380.

Consultants Customs Tr

REF-1208

\$15.75

Sci - Chem

Mar 58

92 145

Beckmann Rearrangement of in Trifluoroacetic Acid,
by Milos Hudlicky, 6 pp.

CZECH

GERMAN, per, Chem Listy, Vol II, 1957, pp 470-473.

SC 457
AEC Tr 3066

55,067

Sci - Chem
Nov 57

The Preparation of Metallic Scandium in the Solid
State, by Frantisek Petru, Vladimir Prochazka,
Hajek Bohumil, 8 pp.

CZECH

~~RUSSIAN~~, per, Chem Listy, Vol LI, 1957, pp 672-675.

AEC Tr 3126

Sci - Chemistry
Apr 58

61,085

Photometric Determination of Traces of Carbon
Dioxide in Gases, by J. Juranek.

CZECH, per, Chemické Listy, Vol LI, No 4, 1957,
pp 716-721.

NRCC TT-847

Sci - Chemistry
Jan 61

136,417

Complexometric Titration (Chelatometry), ~~XXXXXX~~
Microdetermination of Lead Using Dithiogens as an
Indicator, by S. Kotrly,

CZECH, per, Chem Listy, Vol LI, 1957, pp 730-734.

TYL Tr 4849

Sci - Chemistry
Mar 58

57,194

Highly Active Mixed Catalysts of Nickel-
Magnesium Oxide, Prepared by the Cocondensi-
tion of Oxalates in a High Vacuum,
by V. Dones, P. Jiru, 17p.
SZECH, per, Chemische Listy, Vol 51,
No 5, 1957, pp 803-817.
SLA TT-65-10166

336, 174

861
Aug 67

S 96/60

(NY-3727)

The Concentration of Isotope N^{15} by a Chemical
Exchange Reaction, by A. Zeman, V. Cernak, 8 pp.

CZECH, per, Chemické Listy, Vol. III, No 5, 1957,
pp 618-622.

JPRS 2720

118,631

Sci - Chem

Jun 60

Determination Of Iron By a Polarographic Method
Using Sacharose As a Complex Forming Agent, by
O. Manousek.

GERMAN, per, Chemische Listy, Vol LI, No 5, 1957,
pp 854-50 ~~EE~~

CSIRO

Oct. 62

Semi-Micro Chromatographic Analysis of Gases. XIII.
Separation of Chlorine, Bromine and Iodine, by
J. Janak, M. Nedorost, V. Bubenikova, 13 pp.

CZECH, per, Chemicke Listy, Vol LI, 1957, pp 890-894.
9095564

AEC NP Tr-795

Sci - Chem
Mar 62

186,489

N-Nitrosoderivatives of Secondary Amines I., by
R. Zahradnick.
CZECH, per, Chemicke Listy, Vol 51, 1957,
pp 937-945.
*NTIS IT 72-51091

Aug 72

The Condensation Products of Acetone by the
Action of Sulfuric Acid, by S. Landa, V.
Sokolka.

CHCH, par, Chem Listy, Vol LI, 1957, pp 1159-
1164.

Assoc Tech Serv CJ-1485

Sci - Chem

Apr 79

85,613

Knobloch, Eduard, Jancik, Fedia, and others.
THE DETERMINATION OF PHYTOL AND PHY-
TADIANS AND THE PREPARATION OF PURE SAM-
PLES. [1961] 8p. 12 refs.
Order from SLA mi\$1.80, ph\$1.80 61-10914

Trans. of Chem[ists] Listy (Czechoslovakia) 1957,
v. 51 [no. 7] p. 1379-1381.

(Chemistry--Organic, TT, v. 5, no. 12)

61-10914

- I. Phytol--Determination
1. Knobloch, E.
II. Jancik, F.

148711

Office of Technical Services

Use of Anion Exchangers in Analytical Chemistry.
I. Sorption of Chloride Complexes of Certain
Metals in Oal Anion Exchangers, by Karel Liska,
Ladislav Klir, 4 pp.

CZECH, per, Chem Listy, Vol LI, 1957,
pp 1467-1470.

AEC UCRL Tr-536

Sci - Chem
Aug 60

124,019

Paper Chromatography of Acid Triphenylmethane Dyes,
by J. Dobos.

CZECH, per, Chem Listy, Vol LI, 1957, no 1202, 1203.

ATS CJ-1214

Sci - Chem
Apr 60

114,514

Knobloch, Edward, Jancik, Fedie and others.
THE DETERMINATION OF PHYTOL AND PHYT-
ADIENE AND THE PREPARATION OF PURE SAM-
PLES. [1962] 8p.
Order from K-H \$10.00 K-H 6609-a

Trans. of [Chemické Listy (Czechoslovakia) 1957,
v. 51, no. 7, p. 1379-1381].
Another trans. is available from SLA mi\$1.80,
ph\$1.80 as 61-10914 [1961] 8p.

DESCRIPTORS: *Phytol, Synthesis.

(Chemistry--Organic, TT, v. 9, no. 10)

62-12500

- I. Title: Phytadiene
- I. Knobloch, E.
- II. Jancik, F.
- III. K-H-6609-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Metallochromic Indicators 4. Note On the Preparation and Properties of "Kalcein". by J. Korbl and F. Vydra.
CZECH, per, Chemicke Listy, Vol LI, No 8, 1957, pp 1457-1461.

CSIRO Tr 4403

Oct. 62

On the Constitution of Xanthidin, by L.
~~MEYER~~ Dolejs, et al.

CZECH, per, Chemické Listy, Vol LI,
No 8, 1957, pp 1521-1529.

CSIRO 3848

Sci - Chem
Mar 62

188,360

Application of Anion Exchangers in Analytical
Chemistry II. Separation of Small Quantities
of Cobalt from Nickel, by ~~RAK~~ Liska, L. Klir,

GERMAN, per, Chem Listy, 1957, Vol LI, pp 1547-1548.

Chief Librarian, C.S.I.R.O.
314 Albert Street,
East Melbourne, Australia
C.2, Vic.

Sci

May 60

115,179

Chromatographic Semimicroanalysis of Gases. XIII.
Separation of Chlorine, ~~B~~ Bromine and Iodine, by
J. K Janak, M. Nedorost, et al.

CZECH, per, Chem Listy, Vol LI, 1957; Collection of
Czechoslovak Chemical Communications, Vol XXII,
No 6, 1957, pp 1799-1804.

*AERE, Harwell

A Tr No 1490

Sci
Aug 61

A Study of Mixing. I. General Interrelation of
Forces and Moments of Rotation in Vortex. During
Mixing, by George Standart, 11 pp.

CZECH, par, Chem Listy, Vol LI, 1957: pp 2886-
1993.

CIA/PDD XX-626
NOT RELEASABLE TO FOREIGN NATIONALS

Sci. - Physics, Chem
Aug 59

93, 219

USIB INTERNAL USE ONLY

Dobias, Bohuslav.
FLOATIBILITY OF FLUORITES AND BARITES.
III. FLOTATION BY N-ALKYLPYRIDINE-BROMIDES.
[1963] 6p. (figs. omitted) 10 refs.
Order from SLA \$1.10

63-16186

Trans. of Chemické Listy (Czechoslovakia) 1957,
v. 15, p. 1998-2001.

DESCRIPTORS: *Minerals, *Flotation (Separation),
*Fluorspar, Reagents, Alkyl radicals, Pyridines,
Bromides, Tests.

(Earth Sciences--Mineralogy, TT, v. 10, no. 7)

63-16186

- I. Title: Barite
- I. Dobias, B.
- II. Title: Flotation ...

Office of Technical Services

Polarographic Depolarization Effects of Thorium
Ions and Some Other Hydrolyzable Cations, by Jiri
Masek, 14 pp.

GERMAN, per, Chem Listy, Vol LII, 1958, pp 7-15.

AEC tr-3827

Sci - Chem
Jan 60

105,016

61-20089

Zbirovsky, Miroslav and Ettel, Victor.
INVESTIGATIONS IN THE REGIONS OF ORGANIC
FUNGICIDES. IV. PREPARATION OF BIS-TRI-
CHLOROMETHYLTRISULFIDE AND ITS REACTION
WITH MERCAPTO COMPOUNDS (Prace v Oblasti
Organickych Fungicidu. IV. Priprava Bis-trichlor-
methyltrisulfidu a jeho Reakce s Merkaptoalou-
ceninami). [1961] [14]p. (foreign text included)
17 refs.

Order from SLA \$1.60

61-20089

Trans. of Chem[ické] Listy (Czechoslovakia) 1958,
v. 52, p. 105-108.

DESCRIPTORS: Organic compounds, *Fungicides,
*Sulfides, Chlorides, Methyl radicals, Synthesis,
*Thiols, Chemical reactions

The method for the high-yield preparation of bis-
(Chemistry - Organic, TT, v. 7, no. 4) (over)

- I. Zbirovsky, M.
- II. Ettel, V.
- III. Title: Preparation...

Office of Technical Services

Corrosion Study XVI - Effect of Rate of Penetration of
Water Vapor by Oil Film in Corrosion of Steel
Protected by Oil Layers, by Robert Bartonick, 6 pp.

OSWALD, per, Chemical Library, Vol LII, 1950,
pp 199-199.

ACSI 1-2399-1
ID 2329-30

Sci - M/M
Jan 60

248,816

Corrosion Study XVII - Effect of Hydrogen Sulfide
Corrosion of Aluminum, by Karel Srodek,
Ivan Hrabec, 6 pp.

CZECH, per, Chemical Listy, Vol. 111, 1971, pp. 196-200.

ADP 1-22-71-1
ID 2229434

Sci. M/M
Jan 64

*Review Trans. to French
by CEA TR-135 (4/71)
248,817*

The Reactions of 2,2', 4,4', 6,6' -Hexanitro-
diphenylamine (Dipicrylamine) With Cs, Rb, K,
and NH_4 , by Vaclav Kourim, Josef Krtil, Ctirad
Konscny, 8 pp.

CZECH, per, Chem Listy, Vol LII, 1958, pp 262-268.

AEC Tr 3662

Sci - Chem

Jun 59

89,785

Studies of Systems With Stationary Formamide in
Paper Chromatography, by Karel Macek, Stanislav
Vanecek, 10 pp.

CZECH, per, Chem Listy, Vol LII, 1958, pp 618-622.

AEC Tr 3666

Sci - Chem

Jun 59

89,779

Chromatographic Separation of Mixtures of Nitro
Substances, by Victor Ritel, Jan Kospinka, Zdenek
Rajch, 11 pp.

CTUCH, par, Chem Listy, Vol XVI, No 4, 1958,
pp 683-690.

ARC-Er-3665

Sci - Chem

Jul 59

92,056

characterization of the intermediates. The following
characterization of 2-Amino-8-Naphthol-6-sulfonic
Acid, 2-Amino-6-Naphthol-7-Sulfonic Acid, and
Identification of 2,8-Diaminonaphthalene-1,4-diol, and
acid, by G. Latimer, L. Chelidze.

CHIM. IND. (Milan) 1960, Vol. 42, No. 1, 1-10.

CS-1960

Ref. - Chem.

Jan 60

Analysis of Phenols and Hydrocarbons
by Gas-Liquid Partition Chromatography,
by L. Sakol.

Czech, per, Chem Listy, Vol LII,
1958, pp 726-734.

CSIRO 4368

Sci - Chem
Jun 62

199,341

Enamines-Imines, by Jan Klouber, 11 pp.

CZECH, per, Chem Listy, Vol LIII, 1958,
pp 821-828.

CIA/FDD XX-876

Sci - Chem

Aug 60

123,254

USIA INTERNAL USE ONLY

TT-64-1436

Franc, Jaroslav.
CHROMATOGRAPHY OF AROMATIC ISOMERS
IN SEPARATION OF SOME BENZENE MONO- AND
TRICARBOXYLIC ACIDS BY PAPER CHROMATOGRAPHY.
1951 (12p, (figs omitted) 6ms.
Order from SLA \$1.40

TT-64-14352

Trans. of Czechoslovak Acad. Sci. (Czechoslovakia) 1955,
v. 52, p. 219-222. (Abstract available)

DESCRIPTORS: *Benzenes, Carboxylic acids, Nitrates,
Separation, *Chromatographic analysis, *Molecular
isomerism.

The study is concerned with an attempt to utilize the
relation between the dipole moment and chromatographic
behavior in order to select a suitable method for the
separation of m-, p-, and o-toluic acid, and hemimel-
litic, trimellitic and trimellitic acids. The acids were
(Chemistry-Analytical, TT, v. 11, no. 11) (over)

1. Title: Hemimellitic acid
 2. Title: Toluic acids
 3. Title: Trimellitic acid
 4. Title: Trimellitic acid
- I. Franc, J.
II. Title: Separation...

Office of Technical Services

Relation Between the Dissociation Constant, the Solubility of Aromatic Sulphonic acids in Mixtures of Sulphuric Acid With Water and the Functions of the Acidities HO and H-, by Jaroslav Horyna, 6 pp.

CZECH, per, Chem Listy, Vol 4 LII, 1958, pp 1201-1205.

CIA/FDD XX-647
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
Sep 59

USIBI INTERNAL USE ONLY

95, 438

62-26527

Regner, A. and Vosolsobe, J.
DÉTERMINATION DE L'ACTIVITÉ D'UN CATALYSEUR
AU VANADIUM POUR LA FABRICATION
D'ACIDE SULFURIQUE (Determination of the Activity
of Vanadium Catalyst for the Manufacture of Sulfuric
Acid). 17p. FX-54.
Order from OTS, ETC or CNRS \$0.80 62-26527

Trans. in French of Chemicke Listy (Czechoslovakia)
1958, v. 52, p. 1235-1242.

DESCRIPTORS: *Catalysts, Chemical reactions, *Sul-
furic acid, Production, Determination, Thermody-
namics, *Vanadium catalysts.

(Chemistry--Inorganic, TT, v. 10, no. 8)

- I. Regner, A.
- II. Vosolsobe, J.
- III. FX-54
- IV. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Juranek, Jiri.
 COLORIMETROCHROMATOGRAPHIC ULTRAMICRO-
 ANALYSIS OF GASES. II. THE DETERMINATION
 OF HYDROCARBONS. [1961] [25]p. 18 refs.
 Order from SLA \$2.60 61-10466

Trans. of Chem[ické] Listy (Czechoslovakia) 1958,
 v. 52 [no. 7] p. 1289-1298.

DESCRIPTORS: *Gases, Colorimetric analysis.
 Chromatographic analysis, Microanalysis, *Hydro-
 carbons, Determination.

A colorimetrochromatographic method was worked
 out for the ultramicroanalysis of hydrocarbons, which
 are present in the analysed gases in concentrations
 10^{-3} up to 10^{-7} volume %. For the chromatographic
 analysis of relatively large volumes of gas samples
 the investigation of the characteristic eluting volumes
 of some hydrocarbons was carried out by using the
 value of the maximum eluting volume of the inert com
 (Chemistry--Analytical, TT, v. 6, no. 1) (over)

61-10466

I. Juranek, J.
 II. Title: Determination...

101594

Office of Technical Services

Study of the Equilibria of Aqueous Solutions
Containing Complex Cyanides of Nickel and
Copper and Free Potassium Cyanide, by Libuse
Kisova, Vera Cuprova, 7 pp.

RESEARCH per,
CZECH, /Chemistry, Vol LII, 1958, pp 1422-1427.

AEC Tr 3810

Sci - Chem

100,322

Oct 59

Equation Relating Latent Heat of Vaporiza-
tion and Temperature, by E. Eichen, 7p.
Czech, per, Chemické Listy, Vol 52, No 8,
1958, pp 1431-1434.
SLA TT-65-10210

336,221

Sci
Aug 67

Quantitative Organic Analysis. 19. Microdetermination of Alkoxy Groups, by M. Vecera, A. Spevak.

CZECH, per, Chemicke Listy, Vol LII, No 8, 1958, pp 1520-1525.

CSIRO 5630

Sci
Dec 62

■ Oxime Derivatives. Part 5. Determination of the Structure of Acyl Derivatives of Hydroxylamine with the Aid of Infrared Spectroscopy, by O. Exner, M. Horsk, 10 pp.

CZECH, per, Chem Listy, Vol LII, No 8, 1958, pp 1613-1621.

Asso Tech Serv
50K28C

Sci - Chem
OTS I, 9
Jun 59

89,522

Zinc Selenide. Parts I & II. The Spectral
Permeability of Thin Films; Luminescence,
by J. Kikorka, et al.

CZECH
RESEARCH, per, Chemicals Listy, Vol LII,
1958, pp 1866-1876.

CAIRO

Sci - Chem
Oct 61

171, 305

Kubec, Z. and Svrdlík, M.
A QUARTZ APPARATUS FOR THE PYROHYDROLYTIC
DETERMINATION OF FLUORINE. [1962] 6p.
Order from ATS \$10.00 ATS-57P64C

Trans. of Chem[ické] Listy (Czechoslovakia) 1958,
v. 52, p. 2018-2021.

DESCRIPTORS: Quartz, *Laboratory equipment, *Fluorine,
Determination, Hydrolysis, Pyrolysis.

(Chemistry--Analytical, TT, v. 9, no. 2)

63-12006

I. Kubec, Z.
II. Svrdlík, M.
III. ATS-57P64C
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS 63-4066

Office of Technical Services

Gas Chromatography of Monobasic Phenols, by
J. Janak, et al.
CZECH, per, Chemicke Listy, Vol LII, 1958, pp
pp 2296-2310.
GB/242

Sci - Chem

Apr 64

253,346

62-10577

Kaspar, Jan.
RAW MATERIAL BASIS OF FLUORINE CHEMISTRY.
[1961] 9p.

Order from SLA \$1.10

62-10577

I. Kaspar, J.

Trans. of Chemické Listy (Czechoslovakia) 1959,
v. 53 [no. 1] p. 1-5.

DESCRIPTORS: *Fluorine, Sources

A lecture.

(Engineering--Chemical, TT, v. 7, no. 9)

Office of Technical Services

Kinetic Equations of Homogeneous Reactions,
by R. Zahradnik, 96 pp.
CZECH, per, Chemické Listy, Vol LIII, 1959,
pp 56-103. 9696019
FTD-TT-64-652

Sci - Phys
Apr 65

177,839

Enol Lactones with a Five-Membered Ring, by
K. Syhora, 89 pp.

HUNGARIAN, per, Chem Listy, Vol LIII, 1959,
pp 311-364.

AEC-NP-tr-1046

Sci-Chem
Rev 63

242,449

The Behaviour of Elements in Trace Quantities, by
A. K. Lavrukhina, 22 pp.

CZECH, per, Chemické Listy, Vol. LIII, 1959,
pp 465-480. 9097692

A.C.S.I.L. No 1292
possibly AEC/4000-70 579-1)

Sci - Chem

Mar 62

188,037

Pharmacologically Significant Organic Fluorine
Compounds, by H. Rudlicky, 17 pp.

CZECH, per, Chemické Listy, Vol LIII, No 5,
pp 513-526.

ACSI H-6183

Sci - Chem

May 60

115,545

Scattering of Light. XIII. Application of Nomographs
With Zimm Method of Light Scattering, by P. Munk,
J. Nyvlt.

CZECH, per, Chem Listy, Vol LIII, 1959, pp 537-539.

HRSC TT-891

Sci & Physics
Jan 61

136,390

TT-65-12461

Field 6A

Vodrazka, Z.
PHOTOOXIDATION OF PROTEINS. 31p. (figs omitted)
74refs.
Order from SLA: \$3.60 as TT-65-12461

Trans. of ~~Chemické Listy~~ (Czechoslovakia) v53 n8
p829-43 1959.

I. Vodrazka, Z.

MR 633

Device for Measuring the Electric Conductivity in
an Electrolytic Solution, by Zdenek Solo, Karel
Cernak, 1959.

CZECH, per, Chemické Listy, Vol LIII, 1959,
pp 847-848. 92/3032

*AEC

CL

Sci - Electr.

Aug 63

Preparation and Properties of Organic Peroxides,
by S. Kavel.

CZERN, per, Chemische Listy, Vol. LIII,
1959, pp 811-820.

CSIRO

Sci - Chem
Jun 62

203,350

Kloubek, Jan.
ENAMINES-IMINES. [1961] [17]p. 43 refs.
Order from SLA \$11.60 61-10383

Trans. of Chemické Listy (Czechoslovakia) 1959,
v. 53, p. 821-828.

DESCRIPTORS: *Imines, *Amines, *Molecular
isomerism, Molecular structure.

Literature (mainly U. S.) in the field of amino-
enamine isomerism is reviewed which may contribute
to the clarification of the opinion about the constitution
of these substances.

(Chemistry--Organic, TT, v. 6, no. 1)

61-10383

I. Kloubek, J.

161585

Office of Technical Services

Instrument for Measuring the Electrical Conductivity of Electrolyte Solutions, by Zdenek Solc, Karel Cermak, 6 pp.

CZECH, per, Chemické Listy, Vol LIII, 1959, pp 847-848.

AEC-SCL-T-490

Sci-Elec

Sep 63

345, 255